



Doc. JDN-62.00020

8 November 1962

Attn: Mr. [REDACTED]

25X1A

Reference: [REDACTED]

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Dear Jack:

At the conclusion of the above referenced meeting we agreed to send a memorandum outlining the conclusions agreed upon and the direction we would be taking during the next three months. They are formalized as follows:

1. Current Direction

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- a. Supply a functional mock-up on November 15 to [REDACTED].
- b. If the above mock-up is acceptable we will deliver end items to the following schedule:

Two units January, 1963  
Two units February, 1963  
Two units March, 1963  
Two units April, 1963  
Two units May, 1963  
Two units June, 1963  
Two units July, 1963

2. We do the above in order to permit training in January.
3. 1b above is predicated upon receipt of additional funding when needed which will be compatible with our cost estimates to be submitted on November 15.
4. If mock-up review on November 15 requires major changes we will proceed as in 1b above with current design and at the same time initiate parallel engineering program on a second model

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to be ready approximately March 5. Our schedule would then be revised as follows:

- a. Model A -- two units January, 1963  
-- two units February, 1963  
-- one unit March, 1963
  - b. Model B -- two units April, 1963  
-- two units May, 1963, etc. until complete,  
plus a retrofit of Model A's, numbers 1-5  
during April and May
5. First ground support equipment will be based on black and white until we can get a fast color processing kit in the system. First GSE unit will be of variable magnification to allow field personnel to try various formats.
  6. We will be prepared to supply the field support program to aid in the initial training and shakedown of equipment and the filming and programming techniques for GSE. We propose approximately a three month one man effort. We will use more than one man, but the accumulative time will be approximately the above three month one man effort.
  7. We will work out an operational envelope i. e. when the system can be used.
  8. Specifications of the Head System
    - a. Heading to approximately  $\pm 2^\circ$ , useable for sun and moon measurements from  $+10^\circ$  to  $+50^\circ$  in elevation
    - b. Useable with sky polarization for sun elevations ranging from  $-8^\circ$  to  $+20^\circ$  with the possibility of sacrificing some accuracy in getting down as low as  $-12^\circ$ .

If you are not in agreement with any of these items, bearing in mind that these were agreed upon at the time of the conference, please let us know and we will make necessary corrections.

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Yours truly,

JAM/fec